

Rajiv Gandhi University of Health Sciences, Karnataka  
IV Year B.Pharm Degree Examination – Aug / Sep 2011

**Time: Three Hours**

**Max. Marks: 70 Marks**

**PHARMACOLOGY & TOXICOLOGY**  
(Revised Scheme – 3)

**Q.P. CODE: 2618**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAYS (Answer any Two)**

**2 x 10 = 20 Marks**

1. Classify anti-tubercular drugs. Write in detail the mechanism of action, clinical uses and adverse effects of Streptomycin
2. Classify anti-ulcer drugs giving examples. Discuss the mechanism of action and therapeutic uses of proton pump inhibitors
3. Describe the principles and general methods of bioassays

**SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Explain the various pharmacological actions of insulin
5. Discuss the mechanism and toxicity of chloroquine
6. Explain the principles of treatment of acute toxicity
7. Hormonal anticancer drugs
8. Pharmacology of oral contraceptives
9. Mechanism of action and toxicities of anti-metabolites
10. Briefly explain pharmacokinetic type of drug-drug interaction
11. Classify Bronchodilators and outline their mechanism of action

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Triple response of histamine
13. Treatment of insecticidal poisoning
14. Tinidazole
15. Platelet activating factor (PAF)
16. Toxicity of Chloramphenicol
17. Ondansetron
18. Bromhexine
19. Cyclosporine
20. Zidovudine
21. Ritodrine

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